

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims:

1. (Currently Amended) A network monitoring system that monitors a communication within a network including a plurality of terminals, the terminals including between at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content consisting of a group of associated packets, the network monitoring system comprising:

a data acquisition section that acquires a plurality of packets flown on a network;

a data analysis section that analyses each of the packets to extract the group of associated packets from all the packets and that acquires an action explanation information content from the plurality group of associated packets acquired by the data acquisition section, the data analysis section extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

a display-information generation section that generates a display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated of each individual action occurring on the network on the basis of the action explanation information acquired by the data analysis section; and

a display unit that displays an association chart indicating the terminals within the network and that superimposes additional objects on the association chart, the additional objects being generated in accordance with the display information generated by the display information generation section, wherein, the additional objects being superimposed on the association chart

in a chronological order along with a real-time sequence of communication of the action contents,

in response to a request by a user, the display information generation section regenerates, for continuous play back, information of a sequence of individual actions that occurred on the network and cooperates with the display unit to display, during each play back, the regenerated information of each individual action of the sequence at the same time interval within the sequence as the action occurred;

action explanation information for explaining each individual action is acquired from a plurality of packets, and

wherein the information displayed by the display unit additional objects includes

the type of operating system employed by the client,

the type of operating system employed by the server,

an account name of a user accessing the client, and

an icon representing the account name.

2. (Currently Amended) The network monitoring system according to claim 1, wherein the action contentexplanation-information is defined in advance.

3. (Currently Amended) The network monitoring system according to claim 1, wherein the data analysis section identifies kinds of the packets acquired by the data acquisition section and acquires the action contentexplanation-information from the packets on the basis of the identified kinds of the packets.

4. (Currently Amended) The network monitoring system according to claim 1, wherein the action contentexplanation information includes:

 sending source computer information and destination computer information included in a connection packet;

 user information included in an authentication packet;

 action object information included in an object specification packet;

 action information included in a command packet; and

 data included in a data packet.

5. (Currently Amended) The network monitoring system according to claim 1, further comprising:

 an analysis data storage section that stores the action contentexplanation information acquired by the data analysis section, wherein:

 the display-information generation section regenerates the information of the sequence of individual actions that occurred on the network from the action contentexplanation information stored by the analysis data storage section.

6. (Currently Amended) The network monitoring system according to claim 5, wherein:

 the action contentexplanation information stored by the analysis data storage section includes time information, which corresponds to the time at which the single action occurred; and

the display-information generation section determines the time interval, within the sequence, that each individual action occurred using the time information stored by the analysis data storage section.

7. (Previously Presented) The network monitoring system according to claim 5, wherein the display-information generation section continuously regenerates the sequence after each predetermined period, which period is accurate within 500 milliseconds.

8. (Previously Presented) The network monitoring system according to claim 1, wherein the display-information generation section extracts and generates the information of each action occurring on the network in accordance with a display setting set by a user.

9. (Currently Amended) A network monitoring method for monitoring a communication within a network including a plurality of terminals, the terminals including between at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content consisting of a group of associated packets, the method comprising:

acquiring a plurality of packets flown on a network;

analyzing each of the packets to extract the group of associated packets from all the packets and acquiring an action content explanation information from the plurality group of associated required packets, and extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

generating display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated of

each individual action occurring on the network on the basis of the acquired action explanation information;

regenerating for continuous play back, in response to a request by a user, information of a sequence of individual actions that occurred on the network; and

displaying on a display unit, during each play back, the regenerated information of each individual action of the sequence at the same time interval within the sequence as the action occurred, wherein:

action explanation information for explaining each individual action is acquired from a plurality of packets, and

wherein the information displayed on the display unit additional objects includes

the type of operating system employed by the client,

the type of operating system employed by the server,

an account name of a user accessing the client, and

an icon representing the account name.

10. (Currently Amended) The network monitoring method according to claim 9, wherein the action contentexplanation information is defined in advance.

11. (Currently Amended) The network monitoring method according to claim 9, wherein in the acquisition of the action contentexplanation information, kinds of the packets acquired by the packet acquisition are identified and the action contentexplanation information is acquired from the packets on the basis of the identified kinds of the packets.

12. (Currently Amended) The network monitoring method according to claim 9, wherein the action contentexplanation information includes:

 sending source computer information and destination computer information included in a connection packet;

 user information included in an authentication packet;

 action object information included in an object specification packet;

 action information included in a command packet; and

 data included in a data packet.

13. (Currently Amended) The network monitoring method according to claim 9, further comprising:

 storing the acquired action contentexplanation information, wherein:

 the information of the sequence of individual actions that occurred on the network is regenerated from the stored action contentexplanation information.

14. (Currently Amended) The network monitoring method according to claim 13, wherein:

 the stored action contentexplanation information includes time information, which corresponds to the time at which the single action occurred; and

 the time interval, within the sequence, that each individual action occurred is determined using the stored time information.

15. (Previously Presented) The network monitoring method according to claim 13, further comprising continuously regenerating the sequence after each predetermined period, which period is accurate within 500 milliseconds.

16. (Previously Presented) The network monitoring method according to claim 9, wherein the information of each action occurring on the network is extracted and generated in accordance with a display setting set by a user.

17. (Currently Amended) A network monitoring program recorded on a computer readable medium and executable by a computer, the program making the computer monitor a communication within a network including a plurality of terminals, the terminals including between at least a client and a server, the terminals communicating a plurality of action contents with each other, each action content consisting of a group of associated packets, and perform a process comprising:

acquiring a plurality of packets flown on a network;

analyzing each of the packets to extract the group of associated packets from all the packets and acquiring an action content explanation information from the plurality group of associated required packets, and extracting a plurality of groups of the associated packets and acquiring a plurality of action contents therefrom;

generating display information by chronologically aligning the plurality of action contents to correspond to respective times when the action contents are actually communicated of each individual action occurring on the network on the basis of the acquired action explanation information;

~~regenerating for continuous play back, in response to a request by a user, information of a sequence of individual actions that occurred on the network; and~~

~~displaying on a display unit, during each play back, the regenerated information of each individual action of the sequence at the same time interval within the sequence as the action occurred, wherein:~~

~~action explanation information for explaining each individual action is acquired from a plurality of packets; and~~

wherein the information displayed on the display unit additional objects includes

~~the type of operating system employed by the client,~~

~~the type of operating system employed by the server,~~

~~an account name of a user accessing the client, and~~

~~an icon representing the account name.~~

18. (Original) The network monitoring program according to claim 17, wherein the action contentexplanation information is defined in advance.

19. (Currently Amended) The network monitoring program according to claim 17, wherein in the acquisition of the action contentexplanation information, kinds of the packets acquired by the packet acquisition are identified and the action contentexplanation information is acquired from the packets on the basis of the identified kinds of the packets.

20. (Currently Amended) The network monitoring program according to claim 17, wherein the action contentexplanation information includes:

sending source computer information and destination computer information included in a connection packet;
user information included in an authentication packet;
action object information included in an object specification packet;
action information included in a command packet; and
data included in a data packet.

21. (Currently Amended) The network monitoring program according to claim 17,
wherein:

the process further comprises storing the acquired action contentexplanation information;
and
the information of the sequence of individual actions that occurred on the network is
regenerated from the stored action contentexplanation information.

22. (Currently Amended) The network monitoring program according to claim 21,
wherein:

the stored action contentexplanation information includes time information, which
corresponds to the time at which the single action occurred; and
the time interval, within the sequence, that each individual action occurred is determined
using the stored time information.

23. (Previously Presented) The network monitoring program according to claim 21, wherein the process further comprises continuously regenerating the sequence after each predetermined period, which period is accurate within 500 milliseconds.

24. (Previously Presented) The network monitoring program according to claim 17, wherein the information of each action occurring on the network is extracted and generated in accordance with a display setting set by a user.

25. (Previously Presented) The network monitoring system of claim 1, wherein the display unit displays a graphical representation of the communication connection between the client and the server.

26. (Previously Presented) The network monitoring method of claim 9, wherein the display unit displays a graphical representation of the communication connection between the client and the server.

27. (Previously Presented) The network monitoring program of claim 17, wherein the display unit displays a graphical representation of the communication connection between the client and the server.